

IN THE CLAIMS

This listing of claims replaces all prior listings and versions of the claims in the present application.

Listing of Claims

Claims 1-9 (Canceled).

Claim 10 (Currently Amended): A process for producing a magnet structure comprising steps of:

embedding a cylindrical permanent magnet in a circular depressed part of a cup yoke formed of a soft magnetic material having a circular transversal cross sectional shape and having the circular depressed part at a central part thereof;

sealing the depressed part of the cup yoke by welding with a circular disk plate formed of a soft magnetic material through a non magnetic ring seal to form a plane surface, so as to produce a magnet structure having a circular transversal cross sectional shape; and

ablating side parts of the cup yoke opposite to each other to a plane shape, so as to make a minor axis diameter of 1.1 to 1.4 ~~with respect to a diameter of times the a diameter of~~ ~~times the a diameter of~~ said cylindrical permanent magnet ~~being 1~~, and obtain a ratio of a major axis diameter and the minor axis diameter (major axis diameter/minor axis diameter) of from 1.02 to 2.0.

Claim 11 (Canceled).

Claim 12 (Currently Amended): A process for producing a dental magnetic attachment comprising steps of:

preparing a keeper formed of a soft magnetic material having an adsorbing surface having a circular plane shape, and a magnet structure comprising a cup yoke formed of a soft

magnetic material having a circular depressed part at a central part thereof and an outer shape of a surface having the depressed part in the same shape as the adsorbing surface of the keeper, and a cylindrical permanent magnet embedded in the depressed part, with the depressed part being sealed by welding with a circular disk plate formed of a soft magnetic material through a non magnetic ring seal to form a plane adsorbing surface; and
ablating simultaneously opposite side parts of the magnet structure and those side parts of the keeper ~~in a state where~~ such that the adsorbing surface of the magnet structure and the adsorbing surface of the keeper are attached to each other through magnetism, so as to obtain a keeper having an adsorbing surface having a ratio of a major axis diameter and the minor axis diameter (major axis diameter/minor axis diameter) of from 1.02 to 2.0, and a magnet structure having an adsorbing surface having the same shape as the adsorbing surface of the keeper and a minor axis diameter of 1.1 to 1.4 ~~with respect to~~ times a diameter of the cylindrical permanent magnet ~~being~~ 1.